## EAST Search History

| Ref#       | Hits   | Search Query                                                                                                                                                                             | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------|---------|---------------------|
| S1         | 200    | 359/620.ccls.                                                                                                                                                                            | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:49 |
| S2         | 2586   | 359/619,618,622,623.ccls.                                                                                                                                                                | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:49 |
| S3         | 375411 | (light lite ray beam radiation<br>illumination) near10 (absorb\$5<br>block\$3 shield\$3)                                                                                                 | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:51 |
| S4         | 62296  | microlens "micro lens" micro-<br>lens ((lenticular cylindrical)<br>adj2 (lens\$2 elements))<br>lenslets                                                                                  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:53 |
| <b>S</b> 5 | 4023   | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) same (microlens "micro lens" microlens ((lenticular cylindrical) adj2 (lens\$2 elements)) lenslets) | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:54 |
| S6         | 55     | S1 and S5                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:54 |
| S7         | 11     | S6 and dot                                                                                                                                                                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:54 |
| S8         | 700392 | high near10 (light contrast<br>image energy radiation)                                                                                                                                   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:56 |
| S9         | 41     | S8 and S6                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:56 |
| S10        | 854    | particles and S5                                                                                                                                                                         | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:58 |
| S11        | 68     | S10 and S2                                                                                                                                                                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>19:58 |
| S12        | 16024  | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) near10 (pieces dot particle)                                                                        | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>20:00 |
| S13        | 893    | S4 and S12                                                                                                                                                                               | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>20:00 |
| S14        | 99     | S1 and S3                                                                                                                                                                                | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>20:01 |
| S15        | 0      | S14 and discolor\$3                                                                                                                                                                      | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>20:01 |
| S16        | 676    | ((((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)) near10 (pieces dot particle)) near10 resin                                                        | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/09/17<br>20:02 |

| S17  | 61     | S4 and S16                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:02 |
|------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----|----|---------------------|
| S18  | 0      | S1 and S17                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:02 |
| S19  | 2      | S17 and S2                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:02 |
| S20  | 5      | ("20020077402"  <br>"20040001993"   "5066099"  <br>"5815313"   "6307675").PN.<br>OR ("6940644").URPN.                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/09/17<br>20:14 |
| S21  | 5      | ("20020077402"  <br>"20040001993"   "5066099"  <br>"5815313"   "6307675").PN.<br>OR ("6940644").URPN.                                                                                                                                                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/09/17<br>20:14 |
| S22  | 29     | ("4083626"   "5066099"  <br>"5146342"   "5434706"  <br>"5485308"   "5587816").PN.<br>OR ("5815313").URPN.                                                                                                                                              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/09/17<br>20:15 |
| S23  | 243512 | (absorb\$5 block\$3 shield\$3<br>filter\$3 attenuat\$3) near10<br>(dots particles pieces flakes)                                                                                                                                                       | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/09/17<br>20:25 |
| \$24 | 38     | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots particles pieces flakes)) near20 (microlens "micro lens" microlens ((lenticular cylindrical) adj2 (lens\$2 elements)) lenslets) | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:27 |
| \$25 | 757    | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots particles pieces flakes)) near10 resin                                                                                          | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:34 |
| S26  | 0      | S25 and S1                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:35 |
| S27  | 2      | S25 and S2                                                                                                                                                                                                                                             | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:35 |
| S28  | 1168   | 359/664,642,455.ccls.                                                                                                                                                                                                                                  | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:35 |
| S29  | 496    | 264/1.36,1.37.cds.                                                                                                                                                                                                                                     | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:35 |
| S30  | 4      | S25 and S28                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:35 |
| S31  | 2      | S25 and S29                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT        | OR | ON | 2008/09/17<br>20:36 |
| S32  | 5      | ("20020077402"  <br>"20040001993"   "5066099"  <br>"5815313"   "6307675").PN.                                                                                                                                                                          | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/09/17<br>20:40 |

| S33 | 463  | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near10 (dots spots areas)) near10 resin | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>20:57 |
|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|----|---------------------|
| S34 | 261  | ((light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3) near5 (dots spots areas)) near5 resin   | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>20:58 |
| S35 | 25   | S34 and S4                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>20:58 |
| S36 | 93   | resin near10 (discolored<br>discoloring carbonization)<br>near10 (light illumination beam<br>laser)                                               | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:09 |
| S37 | 1    | S4 and S36                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:10 |
| S38 | 0    | S36 and S1                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:10 |
| S39 | 0    | S36 and S2                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:10 |
| S40 | 1    | S36 and S28                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:10 |
| S41 | 2    | S36 and S29                                                                                                                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:10 |
| S42 | 105  | resin near10 (discolored discoloring carbonization blackened blackend blacking blacked) near10 (light illumination beam laser)                    | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:12 |
| S43 | 1    | S4 and S42                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:12 |
| S44 | 0    | S2 and S42                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:12 |
| S45 | 25   | S34 and S4                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:14 |
| S46 | 11   | resin near10 (discolored<br>discoloring carbonization)<br>near10 (light illumination beam<br>burned burnt laser) and (spot<br>spot-like)          | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:19 |
| S47 | 1059 | resin near10 (discolored<br>discoloring carbonization<br>cured) near10 (light<br>illumination beam burned burnt<br>laser) and (spot spot-like)    | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:20 |
| S48 | 109  | S4 and S47                                                                                                                                        | US-PGPUB;<br>USPAT | OR | ON | 2008/09/17<br>21:21 |

| <b>S</b> 49 | 119    | resin near10 (discolored discoloring carbonization cured) near10 (light illumination beam burned burnt laser) same (spot spot-like) | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:21 |
|-------------|--------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----|----|---------------------|
| S50         | 8      | S49 and S4                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:21 |
| S51         | 111    | S49 not S50                                                                                                                         | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:23 |
| S52         | 0      | S51 and (S1 S2 S28 S29)                                                                                                             | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:24 |
| S53         | 10     | S49 and (lens near2 array)                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:25 |
| S54         | 6      | S51 and (lens near2 array)                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:25 |
| S55         | 484040 | (light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3 filter\$3 attenuat\$3)                            | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:26 |
| S56         | 25743  | S55 and S4                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:27 |
| S57         | 87     | S56 and S1                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>21:27 |
| S58         | 132817 | discolored discoloring discolor colorless                                                                                           | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:09 |
| S59         | 64172  | resin and (energy) and laser                                                                                                        | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:09 |
| S60         | 6799   | S58 and S59                                                                                                                         | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:10 |
| S61         | 267    | S60 and S4                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:10 |
| S62         | 2      | S61 and S1                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:10 |
| S63         | 19     | S5 and S61                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:11 |
| S64         | 845    | carbonization near3 resin                                                                                                           | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:19 |
| S65         | 10     | S64 and S4                                                                                                                          | US-PGPUB;<br>USPAT         | OR | ON | 2008/09/17<br>22:19 |
| S66         | 193749 | (light lite ray beam radiation illumination) near10 (absorb\$5 block\$3 shield\$3)                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:22 |
| S67         | 32647  | microlens "micro lens" micro-<br>lens ((lenticular cylindrical)<br>adj2 (lens\$2 elements))<br>lenslets                             | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:22 |
| S68         | 430116 | high near10 (light contrast<br>image energy radiation)                                                                              | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:22 |

| S69 | 5323  | (((light lite ray beam radiation<br>illumination) near10 (absorb\$5<br>block\$3 shield\$3)) near10<br>((pieces dot particle) | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:22 |
|-----|-------|------------------------------------------------------------------------------------------------------------------------------|----------------------------|----|----|---------------------|
| S70 | 90876 | (absorb\$5 block\$3 shield\$3<br>filter\$3 attenuat\$3) near10<br>(dots particles pieces flakes)                             | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:22 |
| S71 | 110   | resin near10 (discolored discoloring carbonization) near10 (light illumination beam laser)                                   | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S72 | 32842 | discolored discoloring discolor colorless                                                                                    | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S73 | 1807  | resin and (energy) and laser                                                                                                 | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S74 | 497   | carbonization near3 resin                                                                                                    | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S75 | 1489  | S66 and S67                                                                                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S76 | 1     | S72 and S75                                                                                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:23 |
| S77 | 17    | S73 and S72                                                                                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:24 |
| S78 | 6208  | S70 and S66                                                                                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:24 |
| S79 | 96    | S71 and S72                                                                                                                  | FPRS; EPO;<br>JPO; DERWENT | OR | ON | 2008/09/18<br>18:24 |

9/18/2008 6:49:11 PM

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